



## STATE OF CALIFORNIA

Contract 1-14-75-41C

Attachment B

9310-2705

### **Bid Specification** **Paper, OCR Bond, Recycled and Virgin**

#### **1.0 SCOPE**

This specification establishes the minimum acceptable quality level for Optical Character Recognition (OCR) bond paper. Printing operations may include text, line and halftone work, solids, four-color process, 133 line screens as well as folding, slitting, pasting, perforating, machine gathering and other book binding operations. The OCR paper intended use includes the above and OCR applications for various State Agencies.

#### **2.0 SPECIFICATIONS AND STANDARDS**

Specifications and standards referenced in this document in effect on the opening of the Invitation for Bid form a part of this specification where referenced. All paper characteristics shall comply with applicable Technical Association of the Pulp and Paper Industry (TAPPI) and Federal Joint Committee on Paper (JCP) Standards.

#### **3.0 REQUIREMENTS**

##### **3.1 Configuration**

- 3.1.1** The paper shall be available in width from 8.5 inches to 38 inches and roll diameter of 40 inches to 50 inches. The roll width and diameter shall be as ordered. A tolerance of (+/-) 1/16 inch shall be allowed for the width and (+/-) 1/2 inch for the diameter. The roll stock core shall fit on a standard 3.0 inch chuck.
- 3.1.2** The roll shall not slip on the core and shall be of cardboard or fiberboard stock.
- 3.1.3** Rolls must be wound consistently with the wire or felt side out and stenciled showing unwind direction on both the roll and the wrapper.

##### **3.2 Material**

- 3.2.1** Paper color shall be the same on both sides (felt/wire) of the paper.
- 3.2.2** Colors shall be consistent from lot to lot.

##### **3.3 Characteristics**

CHARACTERISTICS	TAPPI TEST METHOD	OCR 20 lb.	OCR 24 lb.
Base Weight, 500 sheets, (+/-) 5% (17 in. x 22 in.)	T - 410	20	24
Thickness, mil, (min.)	T - 411	3.7	4.0
Tear strength, each direction (min.)	T - 414	40	50
Opacity, % (min.)	T - 425	85	88
Smoothness, SU	T - 538	100 -170	
*% Postconsumer Recycled Content, %	n/a	30 and 100, <b>see note</b>	
Brightness, %, (min.)	T - 452	90	

**\*Please Note:** Recycled, OCR Bond, Roll, White, 20 lb. and 24 lb. paper shall have 100% or 30% Postconsumer Recycled Content (PCRC) respectively.

### **3.4 Performance**

- 3.4.1** Paper shall be compatible with off press collation and folding machines at State facilities.
- 3.4.2** Paper shall not require unusual adjustment to presses, nor shall it require additional in-feed / tension or any other control equipment to be added to produce salable printed product.
- 3.4.3** Roll width and diameter shall be as ordered with a tolerance of (+/-) 1/16 inch allowed for width and 1/2 inch for diameter.
- 3.4.4** Paper shall lie flat and shall not curl during operating conditions.
- 3.4.5** Paper surface shall be free from lint, fuzz, or any particles which will pick, lift, fluff or pile on the blanket during press operation.

### **3.5 Workmanship**

- 3.5.1** The paper shall be free from defects that will affect appearance or serviceability.
- 3.5.2** The tension in winding the rolls shall be uniformly tight to prevent wrinkles and preserve the natural creeping characteristics of the paper.
- 3.5.3** The paper may be wound felt side in or felt side out, but the winding shall be consistent throughout the contract with no dished rolls, no welts, and no baggy rolls.
- 3.5.4** Splices shall be neat and consistent with good manufacturing practices; splices shall be accomplished with water-soluble, heat sealed, re-pulpable tape and shall be marked with an arrow on the roll edge.
- 3.5.5** Splice markers, are not acceptable; as they tend to fall out as the roll unwinds.
- 3.5.6** There shall be no more than 2 splices in any one roll. Splices shall be marked on the roll edge.
- 3.5.7** There shall be no splice 4 inches from the outer diameter of the roll or within 6 inches of the core.
- 3.5.8** Loose paper fibers on the end of the roll, breaks, tears, doctor picks, holes and patches over holes are not acceptable.

### **3.6 Environmentally Preferable Purchasing (EPP)**

- 3.6.1** The product shall contain 100% Postconsumer Recycled Content (PCRC), or a minimum of 30% PCRC, or 100% virgin fiber.
- 3.6.2** The product shall comply with one of the following:
  - Forest Stewardship Council (FSC) Chain of Custody certification:  
<https://us.fsc.org/chain-of-custody-certification.201.htm>
  - Sustainable Forest Initiative (SFI) Chain of Custody certification:  
<http://www.sfiprogram.org/sfi-standard/chain-of-custody-requirements/>
  - Equivalent third-party forest sustainability certification as determined by DGS.